



QO Load Center

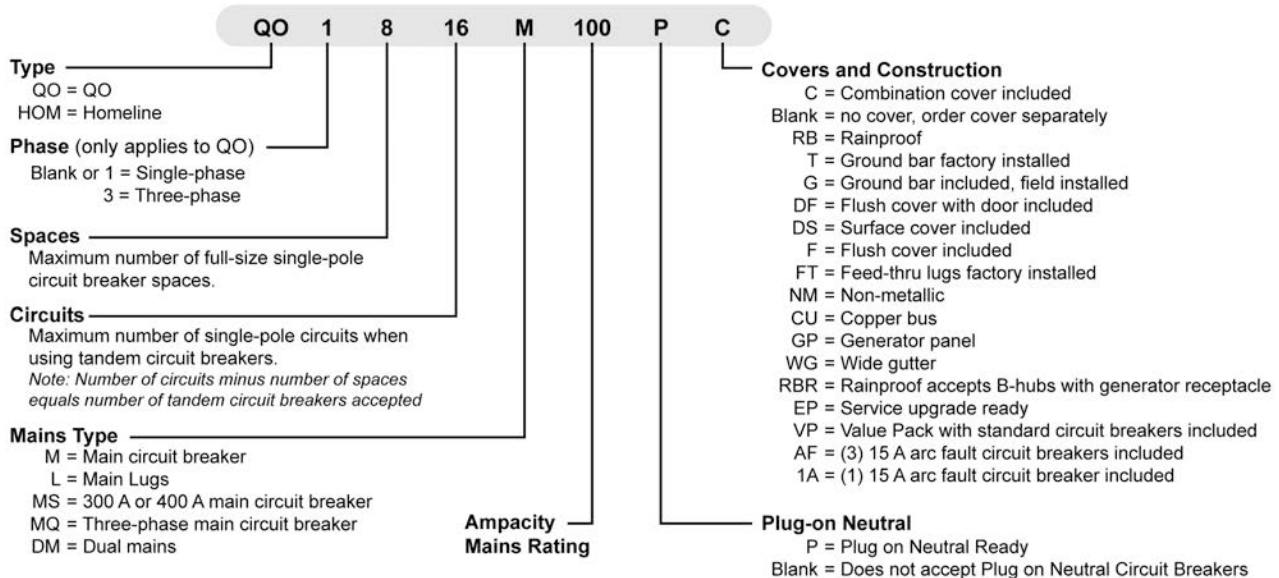
QO™ and Homeline™ Load Center EZ Selector - Selection Assistance

EZ Selector

Steps to select a load center.

- Select product type:
 - Homeline™ 1 inch format (HOM)
 - QO™ 3/4 inch format with plug-on neutral (QO) (P)
 - QO™ 3/4 inch format (QO)
- Select enclosure type: indoor or outdoor (RB = rainproof)
- Select single phase (1) or three phase (3)
- Select type of main:
 - Main circuit Breaker (M)
 - Main lugs (L)
 - Generator panel (GP)
- Select main ampacity rating
- Select pole spaces and max. number of 1-pole, single-phase circuits
- Select cover style:
 - Surface (box mounted on surface)
 - Surface (box mounted on surface, hinged cover included)
 - Flush (box recessed, cover is flush to wall)
- Value pack (VP)
- Select ground bar option:
 - Ground bar factory installed (T)
 - Ground bar included, field installation (G)
- Select special application:
 - Riser panel with gutter
 - Mfg housing, single phase 3-wire, convertible mains
 - Manufactured housing, single phase, 3-wire
 - Manufactured housing, single phase, 2-wire

QO™ and Homeline™ Load Centers — Catalog Number Construction



Additional Information

- Search "Load Centers" from our technical FAQs page: www.schneider-electric.us/en/faqs/home/
- Refer to catalog [1100CT0501](#).

1Ø3W—120/240 Vac—UL Listed Main Lugs



QO120L125G



QO816L100F or S
without cover

Table 1.1: Main Lugs (Accepts Only QO Plug-On Circuit Breakers)

Mains Rating	Spaces	Max. 1P Circuits [1]	Max. Tandem Circuit Breakers	Load Center Box and Interior	Indoor Cover with Door (Order Separately)		Main Wire Size AWG/kcmil		Equipment Ground Bar Kit (Order Separately)	Box No. [2]
					Flush	Surface	Al	Cu		
Fixed Mains—Factory-Installed Main Lugs—10 kA Short Circuit Current Rating [3]										
30 A	2	2	0	QO2L30S [4] [5]	Cover Included—Without Door		12–10	14–10	PK3GTA1	1
70 A	2	4	2	QO24L70F/S [6] [7]	Cover Included—Without Door		12–3	14–4	PK4GTA	2
	6	12	6	QO612L100F/S [6] [8]	Cover Included—Without Door		8–1		PK7GTA	4
	6	12	6	QO612L100DF/S [6] [8]	Cover Included—With Door			PK7GTA	4	
	8	16	8	QO816L100F/S [6] [8]	Cover Included—Without Door			PK7GTA	4	
	8	16	8	QO816L100DF/S [6] [8]	Cover Included—With Door			PK7GTA	4	
	6	12	6	QO612L100DFCU/SCU [6] [8] [9]	Cover Included—With Door			PK7GTA	4	
	8	16	8	QO816L100DFCU/SCU [6] [8] [9]	Cover Included—With Door			PK7GTA	4	
125 A	4	8	4	QO148L125GF/S [6] [10]	Cover Included—Without Door			12–2/0	14–2/0	PK7GTA [11]
Convertible Mains—Factory-Installed Main Lugs—65 kA Short Circuit Current Rating QOM1 Main Frame Size—Convertible to Main Circuit Breaker—Cu Bus [3] [12]										
125 A	12	12	0	QO112L125G	QOC16UF	QOC16US	6–2/0		PK9GTA [11]	6
	12	24	12	QO11224L125G	QOC16UF	QOC16US		PK15GTA [11]	6	
	16	16	0	QO116L125G	QOC24UF	QOC24US		PK12GTA [11]	7	
	16	24	8	QO11624L125G	QOC24UF	QOC24US		PK15GTA [11]	7	
	20	20	0	QO120L125G	QOC20U100F	QOC20U100S	6–2/0	6–1	PK15GTA [11]	6
	20	24	4	QO12024L125G	QOC20U100F	QOC20U100S	6–2/0	6–1	PK15GTA [11]	6
	24	24	0	QO124L125G	QOC24UF	QOC24US	6–2/0		PK15GTA [11]	7
32	32	0	QO132L125G	QOC32UF	Use Flush	PK23GTA, LK100AN [11]		8		
Convertible Mains—Factory-Installed Main Lugs—65 kA Short Circuit Current Rating—Convertible To Main Circuit Breaker—Cu Bus [3] [12]										
150 A	20	30	10	QO12030L150G	QOC30UF	QOC30US	6–250		PK23GTA, LK100AN [11]	9
	24	24	0	QO124L150G	QOC30UF	QOC30US		PK15GTA [11]	9	
	30	30	0	QO130L150G	QOC30UF	QOC30US		PK23GTA, LK100AN [11]	9	
200 A	12	12	0	QO112L200G	QOC30UF	QOC30US	6–250		PK15GTA [11]	9
	24	36	12	QO12436L200TFT [13]	QOC40UF	QOC40US		PK23GTA, LK100AN [11]	10	
	30	30	0	QO130L200G	QOC30UF	QOC30US		PK23GTA, LK100AN [11]	9	
	30	40	10	QO13040L200G	QOC30UF	QOC30US		PK23GTA, LK100AN [11]	9	
	40	40	0	QO140L200G	QOC40UF	QOC40US		PK23GTA, LK100AN [11]	10	
	40	60	20	QO14060L200G	QOC40UF	QOC40US		(2) PK15GTA [11]	10	
	42	52	10	QO14252L200G	QOC42UF	QOC42US		(2) PK15GTA [11]	11	
225 A	42	42	0	QO142L225G	QOC42UF	QOC42US	6–300	PK23GTA, LK100AN [11]	11	
Fixed Mains—Factory-Installed Main Lugs—65 kA Short Circuit Current Rating [3] [12]										
400 A	30	30	0	QONQ30LS400 (Int) [14]	NC50NQVF	NC50NQVS	(1) 1/0–750 or (2) 1/0–300		PK27GTA [15] or PK15GTA6	15
				MH50 (box) [16]						15
				QONQ42LS400 (Int) [14]						
	42	42	0	MH50 (box) [16]						15

Above listings through 200 A mains rating meet Federal Specification W-P-115C as Type 1, Class 2.

[1] Maximum single pole branch circuits utilizing QO and/or QOT circuit breakers.
 [2] See Table 1.58 Knockout Information, page 1-25
 [3] UL short circuit current rating depends on lowest interrupting rating of circuit breaker installed.
 [4] Will not accept QO-EPD or Qwik-Gard™ QO-GFI or QO-AFI circuit breakers.
 [5] Mains rated 25 A when Al wire is used.
 [6] Order F for flush device or S for surface device.
 [7] Use 10 AWG maximum size wire for GFI and AFI circuit breakers.
 [8] 70 A Max. branch circuit breaker and 100 A max. back fed main circuit breaker.
 [9] CU indicates copper bus.
 [10] Copper bus.
 [11] Factory-included.
 [12] UL Listed 5000 A short circuit current rating for corner grounded Delta systems. Use QO-H circuit breakers only.
 [13] Supplied with feed-thru lugs.
 [14] Interior only, order box separately.
 [15] PK27GTA includes a 6–2/0 AWG Al/Cu lug.
 [16] PE1A Discount Schedule.